

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	(10/571426).APP.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/28 16:03
S2	14	("20040048444"   "20040127035"   "20050090074"   "20060108617"   "20080048287"   "20090011533"   "20090098679"   "6583377"   "6888214"   "6900091"   "6964905"   "7288801"   "7492027"   "7534691").PN.	US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB	ADJ	ON	2009/12/28 16:55
S3	2642	257/79.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 17:13
S4	2280	S3 AND (@pd< "20050628" or @ad< "20050628" or @prad< "20050628" or @rlad< "20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 17:54
S5	65	S4 AND (NPN OR PNP OR N-P- N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 17:54
S6	2079	S4 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photo- diode OR light emitting OR optoelectronic OR opto- electronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 17:56
S7	190	S6 AND (isolation OR STI OR LOCOS)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 17:58
S8	194	S6 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 17:59

S9	1594	257/88.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:04
S10	1451	S9 NOT S3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:04
S11	1149	S10 AND (@pd< "20050628" or @ad< "20050628" or @prad< "20050628" or @rlad< "20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:04
S12	34	S11 AND (NPN OR PNP OR N- P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:04
S13	33	S12 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photo- diode OR light emitting OR optoelectronic OR opto- electronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:05
S14	278	257/93.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:06
S15	181	S14 NOT (S3 OR S9)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:06
S16	170	S15 AND (@pd< "20050628" or @ad< "20050628" or @prad< "20050628" or @rlad< "20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:06
S17	1693	257/94.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:07
S18	1397	S17 NOT (S3 OR S9 or S14)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:07

S19	1225	S18 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:07
S20	27	S19 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:07
S21	1299	S18 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:08
S22	1129	S19 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:08
S23	82	S22 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:08
S24	868	257/96.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:10
S25	490	S24 NOT (S3 OR S9 or S14 or S17)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:10
S26	447	S25 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:10
S27	23	S26 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:10

S28	408	S26 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photo-diode OR light emitting OR optoelectronic OR opto-electronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:10
S29	29	S28 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:11
S30	581	257/97.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:11
S31	286	S30 NOT (S3 OR S9 or S14 or S17 or S24)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:11
S32	270	S31 AND (@pd<"20050628" or @ed<"20050628" or @prad<"20050628" or @rld<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:11
S33	4	S32 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:12
S34	248	S32 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photo-diode OR light emitting OR optoelectronic OR opto-electronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:12
S35	10	S34 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:12
S36	553	257/101.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:12
S37	339	S36 NOT (S3 OR S9 or S14 or S17 or S24 or S30)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:12

S38	311	S37 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:12
S39	7	S38 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:13
S40	266	S38 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:13
S41	7	S40 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:13
S42	872	257/102.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:13
S43	540	S42 NOT (S3 OR S9 or S14 or S17 or S24 or S30 or S36)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:13
S44	494	S43 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:13
S45	10	S44 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:14
S46	415	S44 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:14
S47	10	S46 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:14

S48	3095	257/103.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:14
S49	1676	S48 NOT (S3 OR S9 or S14 or S17 or S24 or S30 or S36 or S42)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:14
S50	1424	S49 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:14
S51	19	S50 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:15
S52	1260	S50 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR optoelectronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:15
S53	71	S52 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:15
S54	1738	257/192.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:16
S55	1704	S54 NOT (S3 OR S9 or S14 or S17 or S24 or S30 or S36 or S42 or S48)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:16
S56	1499	S55 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:16
S57	68	S56 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:17

S58	355	S56 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:17
S59	148	S58 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:17
S60	374	257/544.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:20
S61	373	S60 NOT (S3 OR S9 or S14 or S17 or S24 or S30 or S36 or S42 or S48 or S54)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:20
S62	361	S61 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rld<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:20
S63	96	S62 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:20
S64	137	S62 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR opto electronic OR opto electronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:21
S65	87	S64 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:21
S66	278	257/547.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23
S67	257	S66 NOT (S3 OR S9 or S14 or S17 or S24 or S30 or S36 or S42 or S48 or S54 or S60)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23

S68	247	S67 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23
S69	114	S68 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23
S70	103	S68 AND (photoelectric OR photo-electric OR photoelectric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR optoelectronic OR optoelectronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23
S71	63	S70 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23
S72	22	S71 NOT S69	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:23
S73	625	257/E27.12.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:28
S74	479	S73 NOT (S3 OR S9 or S14 or S17 or S24 or S30 or S36 or S42 or S48 or S54 or S60 OR S66)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:28
S75	432	S74 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:28
S76	66	S75 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:28
S77	368	S75 AND (photoelectric OR photo-electric OR photoelectric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR optoelectronic OR optoelectronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:29



S78	113	S77 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/28 18:29
S79	99	257/E33.047.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S80	2644	257/79.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S81	1597	257/88.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S82	278	257/93.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S83	1696	257/94.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S84	870	257/96.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S85	582	257/97.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S86	554	257/101.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S87	872	257/102.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20

S88	3099	257/103.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S89	1740	257/192.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S90	375	257/544.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S91	278	257/547.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S92	625	257/E27.12.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S93	59	S79 NOT (S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:20
S94	56	S93 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:22
S95	69	257/E33.048.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:23
S96	36	S95 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:23
S97	36	S96 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:23

S98	625	257/E27.12.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:24
S99	0	S98 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S85)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:24
S100	0	S98 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:24
S101	444	257/E27.121.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:24
S102	238	S101 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:24
S103	0	S98 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:24
S104	559	S98 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:25
S105	84	S104 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:25
S106	38259	semiconductor AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:26
S107	11791	S106 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:26

S108	4868	S107 AND (silicon WITH (implant\$6 OR dop\$6))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:26
S109	2571	S108 AND (photoelectric OR photo-electric OR photo electric OR photodiode OR LED OR diode OR photodiode OR light emitting OR optoelectronic OR optoelectronic OR optoelectronic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:26
S110	2448	S109 NOT (S79 OR S80 OR S81 OR S82 OR S83 OR S84 OR S85 OR S86 OR S87 OR S88 OR S89 OR S90 OR S91 OR S92 OR S98)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:27
S111	2212	S110 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 08:27
S112	904	257/80.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:07
S113	634	S112 NOT (S79 OR S80 OR S81 OR S82 OR S83 OR S84 OR S85 OR S86 OR S87 OR S88 OR S89 OR S90 OR S91 OR S92 OR S98 OR S109)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:07
S114	591	S113 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:07
S115	17	S114 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:08
S116	59	S114 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:08
S117	351	257/83.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:09

S118	215	S117 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:09
S119	203	S118 AND (@pd<"20050628" or @ed<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:09
S120	9	S119 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:09
S121	15	S119 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:10
S122	669	257/84.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:11
S123	392	S122 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:11
S124	371	S123 AND (@pd<"20050628" or @ed<"20050628" or @prad<"20050628" or @riad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:11
S125	12	S124 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:11
S126	47	S124 AND (isolation OR STI OR LOCOS OR (insulat\$ NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:11
S127	380	257/85.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:12

S128	151	S127 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:12
S129	143	S128 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:12
S130	8	S129 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:12
S131	15	S129 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:13
S132	949	257/184.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:13
S133	797	S132 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:13
S134	758	S133 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:13
S135	31	S134 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:13
S136	106	S134 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:14
S137	381	257/185.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:15

S138	311	S137 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:15
S139	303	S138 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:15
S140	3	S139 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:16
S141	19	S139 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:16
S142	474	257/187.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:16
S143	316	S142 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:16
S144	308	S143 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:17
S145	15	S144 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:17
S146	19	S144 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:17
S147	470	257/428.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:17

S148	448	S147 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S88 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:18
S149	411	S148 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:18
S150	6	S149 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:18
S151	54	S149 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:18
S152	1840	257/431.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:19
S153	1603	S152 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S88 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:19
S154	1463	S153 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:19
S155	27	S154 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:19
S156	151	S154 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAP2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:20
S157	120	257/439.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:22



S158	96	S157 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:22
S159	90	S158 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:22
S160	2	S159 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:22
S161	16	S159 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:23
S162	626	257/462.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:23
S163	505	S162 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:23
S164	467	S163 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:24
S165	79	S164 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:24
S166	106	S164 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:24

S167	90	257/E31.011.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:30
S168	74	S167 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:30
S169	51	S168 AND (@pd< "20050628" or @ad< "20050628" or @prad< "20050628" or @rlad< "20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:30
S170	93	257/E31.053.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:30
S171	76	S170 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:31
S172	52	S171 AND (@pd< "20050628" or @ad< "20050628" or @prad< "20050628" or @rlad< "20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:31
S173	461	257/E31.054.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:31
S174	361	S173 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167 or S170)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:31

S175	305	S174 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:31
S176	10	S175 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:32
S177	39	S175 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:32
S178	102	257/E31.055.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:32
S179	71	S178 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:33
S180	58	S179 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167 or S170 or S173)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:33
S181	0	S180 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:33
S182	7	S180 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:33
S183	80	257/E31.073.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:34

S184	67	S183 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167 or S170 or S173 or S179)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:34
S185	39	S184 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:34
S186	45	257/E31.076.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:34
S187	28	S186 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167 or S170 or S173 or S179 or S183)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:35
S188	28	S187 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:35
S189	6	257/E31.081.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:35
S190	85	257/E31.084.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:35

S191	66	S190 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167 or S170 or S173 or S179 or S183 or S186 or S189)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:36
S192	52	S191 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:36
S193	0	S192 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:36
S194	10	S192 AND (isolation OR STI OR LOCCS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:36
S195	450	257/E31.093.cds.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:37
S196	376	S195 NOT (S79 OR S80 OR S81 or S82 or S83 or S84 or S85 or S86 or S87 or S88 or S89 or S90 OR S91 OR S92 or S98 or S109 or S112 or S117 or S122 or S127 or S132 or S137 or S142 or S147 or S152 or S157 or S162 or S167 or S170 or S173 or S179 or S183 or S186 or S189 or S190)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:37
S197	342	S196 AND (@pd<"20050628" or @ad<"20050628" or @prad<"20050628" or @rlad<"20050628")	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:37
S198	4	S197 AND (NPN OR PNP OR N-P-N OR P-N-P)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:37

S199	39	S197 AND (isolation OR STI OR LOCOS OR (insulat\$6 NEAR2 (trench)))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/12/29 09:37
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**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	40	(photoelectric OR photo-electric OR photo electric OR imag\$5).dm. SAME (silicon.dcm. WITH (impurity OR doped OR conductivity OR type). dcm.) SAME (STI OR LOCOS OR isolation).dcm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2010/01/07 11:01

**1/ 7/ 2010 11:03:19 AM**

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